

Converting Colors

HunterLab(46.8770, 45.2433,
29.6271)

Have a look what the booklet for
HunterLab(46.8770, 45.2433,
29.6271) contains.

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Color

**HunterLab(46.7680, 45.2526,
29.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5401
RGB	222, 84, 1
RGB Percent	87%, 33%, 0%
CMY	0.1294, 0.6706, 0.9961
CMYK	0.00, 0.62, 1.00, 0.13
HSL	23°, 99%, 44%
HSV	23°, 100%, 87%
XYZ	33.3000, 21.8725, 2.4955
YIQ	115.8000, 108.8910, 3.4430

Conversions

Conversions Part 2

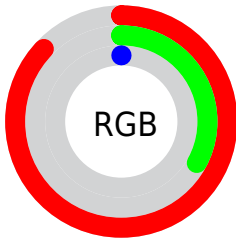
Format	Color
RYB	222, 134, 1
Decimal	14570497
CIELab	53.89, 51.22, 63.69
CIELCh	54, 81.734, 51.193
Yxy	21.8737, 0.5774, 0.3793
Android (android.graphics.Color)	4292760577 (0xFFDE5401)
YUV	115.8000, -56.5964, 93.1374
Hunter-Lab	46.7680, 45.2526, 29.5740

Details

The HunterLab color **46.7680, 45.2526, 29.5740** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **48.7282, -3.1118, -54.1139**, and the grayscale version is **41.8972, -2.2355, 2.2764**.

A 20% lighter version of the original color is **63.0839, 34.5494, 35.0571**, and **28.2982, 41.7519, 18.1682** is the 20% darker color. If you saturate the color by 10%, you get **46.6631, 45.5169, 29.5505**, and if you desaturate by 10%, it is **49.2985, 39.1389, 30.0747**.

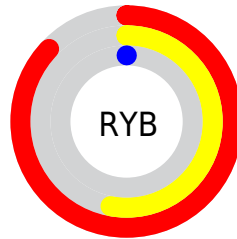
Distribution



Red (87%)

Green (33%)

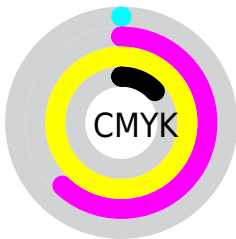
Blue (0%)



Red (87%)

Yellow (53%)

Blue (0%)

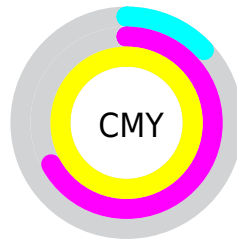


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7680, 45.2526, 29.5740 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 46.7680, 45.2526, 29.5740 by changing the saturation by 10% instead.

46.7680, 45.2526,
29.5740

46.7680, 45.2526,
29.5740

161.8290, 57.2373,
65.7782

37.1001, 43.4116,
24.6309

68.2182, 48.5935,
38.7515

28.2078, 41.4819,
19.7455

79.9124, 50.1039,
43.0274

20.1676, 39.5146,
14.1173

92.2076, 51.5128,
47.1312

13.0816, 37.6883,
9.1571

105.0758, 52.8263,
51.0865

6.5647, 41.6378,
4.5953

118.4924, 54.0502,
54.9132

0.0000, INF, NaN

0.0000, NaN, NaN


132.4360, 55.1900,


58.6284


0.0000, NaN, NaN


 146.8872, 56.2508,
62.2460


0.0000, NaN, NaN


 46.7680, 45.2526,
29.5740


 46.7680, 45.2526,
29.5740


 46.6631, 45.5169,
29.5505

 49.2985, 39.1389,
30.0747

 52.2030, 33.0070,
29.8787

 55.4619, 27.0584,
28.8700

 59.0440, 21.4087,
27.0879

 62.9175, 16.1209,
24.6049

■ 67.0521, 11.2203,
21.5039

■ 71.4200, 6.7065,
17.8660

■ 75.9968, 2.5637,
13.7647

■ 80.7609, -1.2327,
9.2637

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.7694, 74.2336, 19.7546



46.7680, 45.2526, 29.5740



46.7694, 7.8070, 31.6619

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.7694, 45.2483, 29.5746



46.7694, -50.7377, 11.0094



46.7694, 23.2138, -98.5957

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.7680, 45.2526, 29.5740



48.7282, -3.1118, -54.1139

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.7694, -11.9814, -107.9507



46.7680, 45.2526, 29.5740



46.7694, -48.7658, -25.5544

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.7694, 45.2483, 29.5746



46.7694, -42.9347, 27.0008



46.7694, -36.4807, -75.0905



46.7694, 59.2186, -54.6416

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.7680, 45.2526, 29.5740



46.7694, -14.3855, 31.6095



46.7694, -36.4807, -75.0905



46.7694, 10.7099, -106.7154

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.7694, 45.2483, 29.5746



83.2064, 8.1948, 21.2141



41.8012, 76.0498, -8.6354



37.4793, 4.8102, 10.6766

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.7694, 45.2483, 29.5746



54.3920, 53.8126, 34.4582



73.1202, -8.1068, 44.8910



38.1311, -0.5983, 4.3500



36.2363, 34.3498, 22.9300



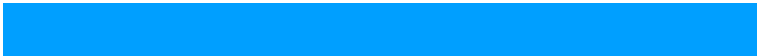
10.3847, 6.9186, 6.5201

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.7282, -3.1118, -54.1139



56.6510, -3.0797, -64.1607



24.9659, 54.0725, -147.7868



38.2910, -3.3241, -0.2898



37.7561, -2.7557, -41.2430



10.7634, -2.0278, -9.0760

Previews

White Background



This preview shows how the HunterLab color 46.7680, 45.2526, 29.5740 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.7680, 45.2526, 29.5740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 46.7680, 45.2526, 29.5740 Background



This preview shows how black text looks on a background with the HunterLab color 46.7680, 45.2526, 29.5740.



This preview shows how white text looks on a background with the HunterLab color 46.7680, 45.2526,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.7680, 45.2526, 29.5740

Protanopia

47.0470, -6.5208, 27.9194

Deuteranopia

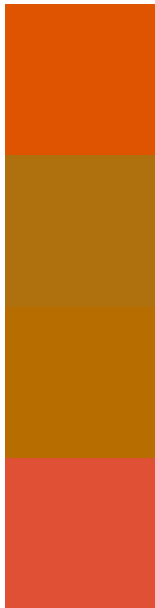
46.8534, 2.5343, 28.9152



Tritanopia

46.8194, 51.6040, 19.3900

Trichromacy



Original Color

46.7680, 45.2526, 29.5740

Protanomaly

45.6515, 11.7613, 27.7966

Deuteranomaly

45.9648, 17.5625, 28.6308

Tritanomaly

46.5643, 48.6287, 25.2554

Monochromacy



Original Color

46.7680, 45.2526, 29.5740

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.6697, 11.4836, 16.6596

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7680, 45.2526, 29.5740 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(222, 84, 1)` looks like.

```
.text, #text, p{  
    color:rgb(222, 84, 1)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 84, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 84, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7680, 45.2526, 29.5740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 84, 1) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 84, 1) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 84, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 84, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 84, 1);  
box-shadow:4px 4px 4px 4px rgb(222, 84, 1)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.7680, 45.2526, 29.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 84, 1) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222, 84,  
1) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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